

State Diagram of System $AlCl_3-KCl-NaCl_3$, by V. O.
Plotnikov and U. I. Schwarzmann, 24 pp.

RUSSIAN, per, Zapiski Inst Khim Ak Nauk Ukr SSR,
Vol XII, No 3, 1936, pp 387-400.

SLA R-2365

Sci

Aug 58

72,197

Zapiski Akademii Nauk, URSR, Kiev. Inst Khimii.

Vol. 4 No 3, 1937 pp 249/

Electrochemical Investigation of Arsenic and Bismuth
Bromides in a nitrobenzol solution of aluminum
bromide and of thallium bromide in an ethyl bromide
solution of aluminum bromide,

by V. O. Plotnikov and N. Ya. Horenbein.

Trans AEC.

Production of Ammonium Sulfate from Roman-
Cyprian-Containing Marls, by V. O. Izbekov,
and E. S. Kosmatiy, 8 pp.

RUSSIAN, per, Zapiska Inst Khim Ak Nauk
URSS, Vol. IV, 1957, pp 99-110.

SLA R-2191

Sci

Aug 58

72,424

TT-61-16515

Plotnikov, V. A. and Balyasni, S. S.
DEHYDROGENATION OF METHANOL TO FORMAL-
DEHYDE. [1961] 8p. 10 refs.
Order from OTS, SIA, or ETC \$1.10 TT-61-16515

I. Plotnikov, V. A.
II. Balyasni, S. S.

Trans. of [Akademiya Nauk URSR, Kiev. Institut
Khimii. Zapyski] 1967, v. 4, no. 3, p. 269-274.

DESCRIPTORS: *Methanols, *Dehydrogenation,
*Formaldehyde, Decomposition, Catalysts.

(Chemistry - Organic, TT, v. 11, no. 4)

Office of Technical Services

Electromotive Forces in Fused Chlorides of
Aluminum and Sodium, by V. O. Plotnikov,
M. I. Kyrichenko, M. S. Fortunatov, 1940

RUSSIAN, per, Zapysky Inst Khim, Ak Nauk USSR
USSR, Vol VII, No 2, 1940, pp 159-172.

Sci Tr Center
MT-1507

18,898

Scientific - Chemistry

Preliminary Experiments on the Electro-Deposition
of Titanium and Its Alloys, by N. H. Grogians'ki,
E. P. Novikova, 4 pp. *Grogians'ki*

Transliteration.

SOURCE, per, Zaprsky Institut Khim Ak Nauk USSR,
Vol VII, No 2, 1966, pp 173-175.

Def Sci Info Sv DRB Canada
T 1 Ukr

Scientific - Minerals/Metals

Jun 53 CTS

3251

Investigation of the Equilibrium Between Metallic
Aluminum and Zinc Chloride in Molten Medium, by
Yu. N. Seleznevskiy, L. S. Merenkova, 11 pp,
DECLASSIFIED SRI

RUSSIAN, Izv. Akad. Nauk Khim., Vol VII, No 3,
1940, pp 375-382.

Sci Tr Center
EE-2016

Scientific + Chemistry

Jan 55 CTS

20, 547

8-195/60

(NY-3735).

On a Theory of the Origin of Pegmatites, by
V. D. Mikhlin, 103 pp.

RUSSIAN, per, Zapiski Leningradskogo Gosudarstvennogo
Universiteta, Seriya Geologiya i Mineralogiya, Vol. III, No 2, 1955, pp 44-117.

JPRS 2665

Sci - Geophys, geology
Jan 60

117, 540

Inteller (Bashkova), by G. V. Goryunov, 18 pp.

UNCL

RUSSIAN per, Leningrad, Gidromed Lenina 1
Trud Krasnogo Znameni (Gorbovskiy Inst. in G. V. Plekhanova,
Vol. XXVII, No. 3, 1958, pp. 65-73.

ATDC MCL-169/III

Sol-Electron

Telephone 41306

File 60

109,046

The Upper Silurian Boundary of the Urals
Established With the Aid of Tetracorals: Devonian
Tetracorals of the Upper Amur and Eastern Transbaikalia;
Devonian Tetracorals of the Southern Altai and
the Adjacent Territories, by N. Ya. Spassky.

RUSSIAN, per, Zapiski Leningradskogo Ordenov
Iamina i Erudovogo Krasnogo Znameni Gornogo
Institute, Vol. 2 XXXVII, No 2, 1960, pp 83-131.

Dept of Interior
GE 3 257 No 99
J15,901

Sci - Geophys
USNM - Geog
Oct 82

Calculation of a Tri-Phase Heater With
Angular Electrodes, by T. A. Glasenko, 11 pp.

RUSSIAN, per, Karpinski Leningrad Sci's
Nikol'skoye Institute, Vol XII,
1955, pp 199-209. 9667344

RED-TI-62-1345

Sol. - Phys
Jan. 63

220,045

On the Inversion of Some Singular Integrals,
by N. I. Akhiezer, 7 pp.

RUSSIAN, per, Zhurnal Matematicheskoi Fiziki
Matematicheskii Institut imeni Steklova, Vol XXV, 1957,
pp 191-198.

CIA/FOUO X-6169

Sci - Phys

Apr 67

FOR OFFICIAL USE ONLY

322,018

Diffraction of an Electromagnetic Wave Incident
at an Arbitrary Angle on a Flat Metal Grating,
by E. N. Podol'skiy, 10 pp.
RUSSIAN, per, Zapiski Mekh-Matem, Fak Khar'kov
Univ. Khar'kov Mate Obshch, Vol XXX, No 4,
1964, pp 116-125.
CIA/PID X-5492

Sci - Engr
Dec 64
FOR OFFICIAL USE ONLY

269,469

Electromagnetic Wave Diffraction by a Plane Grating
of Special Shape, by G. N. Gestrin, K. V. Maslov, 10 pp.
RUSSIAN, per, Zapiski Mekh Matem Fak Khar'kov
Univ. Khar'kov Matem Obshch, Vol XXX, Ser 4,
1964, pp 164-174.
CIA/FDD X-5486

Sci - Math
Nov 64
FOR OFFICIAL USE ONLY

269,310

Application for admission on a trial basis
for the application, by Mr. J. J. Connelley,

178-10691, Re: "Electrical Engineering - Radio Control"
 178-10692, Re: "Electrical Engineering - Radio Control"
 178-10693, Re: "Electrical Engineering - Radio Control"

Bel. Ter. Chamber Dec 17-1977

[illegible]

1894

Report on the Activities of the Military Topographic
Division of the Orenburg Military District in 1868,
by A. A. Tillo.

RUSSIAN, per, Zapiski Orenburgskogo Otdela Inzhener-
skogo Uchebnogo Geograf. Otdela, Vol I, 1870,
pp 1259-1263.

ACIC

Ec1 - Geography

Jan 62

20.5, 18.5

Records of the Orenburg ~~Ra~~ Branch of the Imperial
Russian Geographic Society, by A. Bonsdorf,

RUSSIAN, ~~per~~ Zapiski Orenburgskago Otdela
Imperatorskago Russkago Gsogkaficheskago Obshchestva,
Vol IV, 1881, pp 26-28.

*ACIC

Sep 61

Records of the Ordnance Branch of the Imperial War
Geographic Society. by A. A. T. L. L.

RUSELL, J. H. Ordnance Branch of the
Imperial War Geographic Society, Vol. 1,
1871, pp. 250-253, 254-255.

401C

12.5.1917

DEPT
Geog
Nov 1917

Account of the Field Work Carried Out by Members of
the Orenburg Military Topographic Division in 1870-
1873 With a List of Triangulation Points of the
Orenburg Gubernia Region, by N. Lebedev.

RUSSIAN, Gen., Orenburgskaya Guberniya Imperatorskoye
Voennoye Geograficheskoye Obozreniye, Vol. III, 1875,
pp. 419-425.

ACIC

Det. - Geography

203, 186

Jun 62

Levelling from Orenburg to the Arch. Soc. and the
the Lower House of the Syr-Dar'ya River. (Syr-Dar'ya
Bondsman).

RUSSIAN, 1901, (Syr-Dar'ya) Orenburg to the Arch. Soc.
Syr-Dar'ya Orenburg, Vol. IV, 1901, p. 10.

ACIC

Section
USCIA
CSCG
Nov 61

Currents in Bakinskaya Bay, by A. Mikhalevskiy.

RUSSIAN, bk, Zapiski po Gidrografii, Izdanie
Gidrograficheskogo Upravleniya, No 1,
1937, pp 79-88.

Navy/HO Tr 197

Sci
Mar 64

Memoirs of an Old Chekist, by
Fedor Timofeyevich Fomin, 162 pp.
RUSSIAN, bk, Zapiski Starogo Chekista, Moscow,
1964, 172 pp.
JPRS 55638

Apr 72

A TOPOGRAPHER'S TRAVEL NOTES ON THE SOUTH-
EASTERN USSR, BY O. G. CHISTOVSKIY, 171 PP.

RUSSIAN, EN, ZAPISKI TOPOGRAFA, MOSCOW, 1955,
PP 1-120.

UPRS 17293

USSR
GEOG
JAN 63

220,918

Determination by Telegraph of Astronomic Point
in Vernyy City (Alma Ata), by P. N. Dolgov,
A. J. Petrenko.
RUSSIAN, per. Zvezdnyi Yornashchik, Solnechnoye
Imy Vol V, 1920.
ACIC

Sci Earth Sci & Astron
April 64

254,904

Special Geographic Assignments: IV. (ank: Military
Topographic Division, 13 pp. Unclassified

RUSSIAN, par, Zapiski Voenno-Topograficheskogo
Otdeleniya, Vol XXXI, 1926, pp 34-41.

ADB, AIR-1020

1951 - 0008
Sci - 0001

Kov 58

76, 259

Special Geographic Assignments: V. Irkutsk Military
Topographic Division, 21 pp. Unclassified

RUSSIAN, 1907, Zapiski Voenno-Topograficheskogo
Ucheniya, Vol. LXXI, 1924, pp 41-48.

ATD, 878-2021

USSR - Geog
Sci. - Geodetic

Nov 58

76, 260

Lodwights From Polar Yakutia, by V. A. Vakar,
K. V. Zimovich, I. I. Shafranovskiy.

RUSSIAN, per, Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva, Vol LXIII, 1934, pp 381-385.

Dept of Interior
US Geological Survey
Denver Branch Library
Denver, Col

Sci. - Geophysics

136,051

Quartz as a Geologic Thermometer, by G. M.
Virovlianskiy, 19 pp.

RUSSIAN, per, Zapiski Vses Mineral Obsh,
Vol LVII, No 3, 1938, pp 425-434.

SLA R-1160

May 58

64,527

Korzhinski, D. S.
THE RELATIONSHIP BETWEEN MINERALOGICAL
COMPOSITION AND THE CHEMICAL POTENTIAL OF
COMPONENTS. [1962] 11p.
Order from ATS \$19.50

ATS-41P62R

Trans. of Vsesoyuzn. Mineralogichesk. Obsh-
chestvo [Zapiski (USSR)] 1944, v. 73, no. 1, p. 62-73.

DESCRIPTORS: *Minerals, Chemical properties.

(Earth Sciences--Mineralogy, TT, v. 9, box 1)

62-34180

- I. Korzhinski, D. S.
- II. ATS-41P62R
- III. Associated Technical Ser-
vices, Inc., East Orange,
N. J.

Office of Technical Services

Absorption Curve of Ferric Iron in Minerals, by H. M.
Malunkholin,

RUSKIN, per, Zapiski Vses Mineralogicheskogo Obshch,
Vol LXXV, No 2, 1945, pp 89-93.

Indoc

Sci - Physics

41,550

GRITSAENKO, G.S. and others. Polydymite from the novel
aidyrlinsk deposit.
Zap.vseross.miner.Obshch. 75(4):285-92 (1946)
(CRL/D. 873)

ZAPISKI V-S MINERAL OBSSHOE Vol LXXVII, No 1, 11 $\frac{1}{2}$ pp,
Jan/Feb/Mar 48

"Vanadates in the Oxidation Zone Deposits of Central
Kazakhstan"

F. Ya. Anosov
F. V. Chukhrov

3649
D-16

1/49T62

Concerning the Possibility of Utilizing Liquid
Inclusions in Minerals for Determining the
Pressure During Process of Mineral Formation,
by N. M. Lari'ko, 15 pp.

RUSSIAN, per, Zapiski Vses Mineral Obshchestva
Vostochn. Serv, No 1, 1949, pp 259-264.

SLA R-1158

May 58

63,924

Zap. Vys. Khim. Stokhol.

Vol 79, #1, p 15-22 (1950)

The Influence of Addition of Barium in Solution upon
Habitus + Rate of Growth of Magnesium Sulfate
Crystals ($MgSO_4 \cdot 7H_2O$)

V. A. Mokrovskiy
I. A. Makhovskiy

Kaz. In. Khim. Akad. 213

"Zapiski Vostochnogo mineralogicheskogo
obshestva" 2nd Series, Part 77 (1950)

Sp. 46:
p 75 to 118

"Activity of the All-Union Mineral-
ogical Society in 1949"

S. P. Solov'yev

Page # 5475

CD 7729.1

SR 27 June 1950

~~SR 11 May 50~~

On the Nature of Chrysocolla, by P. V. Ginzburg,
P. Yu. Anisimov.

RUSSIAN per, Zapiski Vsesoyuznogo Mineralogicheskogo Obshchestva,
Vol. LXIX, No. 2, 1950, pp 127-136.

WILL RUS 2140

Sci - Chem
Mar 63

22-3, 6/8

Residual Stresses in Glass and Quartz, by E. V.
Tzsinzserling, 4 pp.

RUSSIAN, per, Zapiski v-s Mineral Obuchch, ~~CHH~~
2nd series, pt. 79, No 3, 1950, pp 223-224.

Sci Museum Lib No 51/2155 - London

On the Nature of Chrysocolla, by P. V. Chukhlov,
P. Ya. Anonov.

RUSSIAN, per, Zapiski Vses Mineralog Obshch,
Vol LXXIX, No 2, 1950, pp 127-136.

NIL RTS 2140

Sci - Chem
Mar 63

Batalov, A. B.
 ILVAITE IN THE SHAKHS OF MINERAL (Ilvaite v
 Shakhakh Mineralakh) by Ivan Minin. 1958. 6 p.
 5 refs.
 Order from OTS or SLA \$1.10 62-13102

Trans. of Vsesoyuznoye Mineralogicheskoe Obshchestvo,
 Zapiski (USSR) 1950, v. 79, no. 3, p. 224-225.

DESCRIPTION: Minerals, Chemical analysis, Grains
 (Minerals), Color, Magnetite, Hardness, Specific
 gravity, Ilvaite, Silicates.

Trans. Soviet Mineralogy, TR, v. 1, no. 11

62-13102

I. Batalov, A. B.
 II. Geological Survey, Denver,
 Colo.

Office of Technical Services

Elusive From the Neighborhood of Mt. Blagodat'
in the Mt. Ural, by N. V. Svyashin.

Russlan, per, Zapiski Vsesoiuznogo Mineralogicheskogo Obshchestva, Vol LXX, 1951, pp 211-212.

Dept of Interior
US Geological Survey
Denver Branch Library
Denver, Col

Box 1 - Min/Int

136,048

Identification of Carbonate Minerals by the
Staining Method, by N. V. Logvinenko, N. K.
Zabolotnaya,

RUSSIAN, part, Zapiski Vsesoiuznogo Mineralogicheskogo
Obshchestva, Vol LXXIII, No 3, 1954, pp 218-225.

Assoc Tech Svcs
Post Office Box 271
East Orange, N.J.
NJ - 378

Sci - Minerals/Metals

Aug 1956

37,183

Some Fundamental Problems in Crystall
Chemistry and Their Use in Mineralogy,
by A. G. Pavlovskiy, 48 p.
RUSSIAN, per, Zapiski Vsesoyuznogo Min-
eralogicheskogo Obshchestva, Vol LXXXIV,
No 4, 1955, pp 476-492. 9609378/15006 #12
BSIC-507

Sci-Chem
Apr 68

297,718

1. General Sec. D. P. II. ASST. DIR. III. ASST. DIR. Technical Services, Int. 1. ASST. DIR. N. J.	1. General Sec. D. P. II. ASST. DIR. III. ASST. DIR. Technical Services, Int. 1. ASST. DIR. N. J.
1. General Sec. D. P. II. ASST. DIR. III. ASST. DIR. Technical Services, Int. 1. ASST. DIR. N. J.	1. General Sec. D. P. II. ASST. DIR. III. ASST. DIR. Technical Services, Int. 1. ASST. DIR. N. J.

Minerology of Carbonate Concretions From
Quaternary Clays, by V. V. Dobrovolskiy, 14 pp.

RUSSIAN, per, Zapiski Vsesoyuznogo Mineral-
ogicheskogo Obshchestva, Part 84, No 2, 1955,
pp 198-202.

Sci

Jul 53

SLA R-1673

68,774

(REF 86100)

Report on the Activity of the All-Union Mineralogical
Society for 1954, by S. P. Solov'ev, 20 pp.

MISSION, the part: ~~Special Use Mineralogical Society~~
VIL LXXXIV, No 2, Moscow/Leningrad, Jan 1955,
pp 358-359

CIA/TED U-5216

55, 2 3 3

USSR

Soviet - Minerals/Metals

May 56

Alumoferrroschurite - a New Mineral, by D. P.
Serdjukenko, 11 pp.

RUSSIAN, per, Zapiski Vses Mineralog Obshchestva,
Vol LXIV, No 3, 1956, p 252-256.

HLA B 1606

Sci

Jul 58

68,804

Change of Unit Cell Dimensions of Garnets With
Composition, by M. A. Gnevushev, et al. USSR

RUESTAN, 1986, Zapiski Vses Mineralog Obshchestva,
Vol XXXV, No 4, 1986, pp 472-480.

SLA 60-28107
1986 JUN 14 1446

(43a.)

Sci - Min/Int

May 60

116,622

Symmetry Groups in Structural Petrology, by
I. Shefrancovskii.

RUSSIAN, per, Zapiski Vsesoyuznogo Mineralogic-
heskogo Obshchestva, Vol. 85, 1956, pp 491-497.

OSIRO/No. 7033

Sci -
Aug 67

335-720

Cases of the Formation of Glaucconite Under Continental
Conditions, by M. S. Dyadchenko, A. Ya. Khatuntseva,

RUSSIAN, per, Zapiski vs Mineralog Obshch, Vol XXXV
No 1, 1957, pp 49-57.

AMS RJ-929

Sci + Tech
Jul 59

91, 258

Methodes Geochemiques de Recherches de Gisements
de Mineraux, by A. A. Saukov, 4 pp.

RUSSIAN, per, Zap Vses Mineral Obshch SSSR,
Vol. LXXXVI, No 2, pp 274-275.

Library of Geological
Survey of Canada

Scl
May 61.

150, 161

Change of Cell Dimension in Oxidation of Yozite Int
Magnetite and Magnetite, by R. P. Sla'dau.

RUSSIAN, per, Zapiski Vses Mineralog Obshch,
Vol. LXXXVI, No 3, 1957, pp 324-335.

Borkan Hill Prop Co Ltd
(CHL/T.309)

Sci - Min/Met

Apr 62

191, 695

Changes in the Structure and Properties of Barlyls
With Increasing Alkali Content, by T. A. Sosedko,
5 pp.

RUSSIAN, per, Zapiski Vses Mineral o Obshchestva,
Vol LXXVII, 1957, pp 195-199.

ABC MP-Tr 72

Sci - Physics
Jun 58

65,978

New Aquatic Minerals of Calcium-Prolovite, by
B. S. Petrova. UNCL

RUSSIAN, per, Zap Vost Mineral Obshch, Vol LXXXVI,
No 5, 1987, pp 622-626.

Co-op Tr Scheme 546

Sol - Chem
Mnr 59

82,040

Micro-Structure of the Surface of Boros of
Synthetic Corundum, by A. A. Gureilevskiy.

RUSSIAN per Zapiski Vsesoyuznogo Mineralog
Obshch. No 6, 1957, pp 731-735.

SLA 60-23627
DSAR LLD HHS 1460

Sol. - Min/Met

Aug 60

122,512

Pseudo-Forms of Crystals and Their Mineralogical
Significance, by I. I. Shafranovskiy.

RUSSIAN, part, Zapiski Vses Mineral Obshch,
Vol. LXXVIII, No 1, 1958, pp 13-20.

ALL N. 3055

Sol - Phys

Pub 62

186,848

ECOLOGICAL DIAMOND CRYSTALS STORED IN
KIMBERLITE MOLT, by V. V. Nardov. UFGI.

RUSSIAN, PER, Zapiski Vsesoyuznogo Nauchnogo
Vol. XXXVIII, No 5, 1958, pp 612-614.

DEIR LNU NIS 1060

(7a. 6d.)

Bcl - MNA/DBT
Rev 59

100,783

Modification of the Crystal Forms of Minerals
During the Progress of Their Growth, by
M. A. Evdokimova.

RUSSIAN, part, Zap Vses Mineral Obshch.,
Vol. XXXVIII, No 6, 1958, pp 647-656.

Broken Hill Prop Co Ltd
(CHL/1 489)

Sol. Hypo
Dec 64

On Cleavage of Cristobalite and Structural
Transformation of Quartz, by N. M. Sinel'nikov.

RUSSIAN, per, Zapiski Vses Mineral Obshch,
Vol. LXXVII, No 6, 1958, pp 657-666.

NLL N. 3057

Sci - Phys

Feb 68

186, 849

CEA-tr-R-1-94 Uncl.

CONTRIBUTIONS A LA MINERALOGIE ET LA
CRISTALLOCHIMIE DES URANINITES DE LA CARELIE
DU NORD. (Contributions to the Mineralogy
and Crystallochemistry of Uraninites in
North Karelia, S.S.R.). V. A. Leonova.
Translated into French from Zapiski Vsesoyuz.
Mineral. Obshchestva, 88: 21-27 (1977).

45p.

Chemistry; Geology; Translations MC-51

C-51 NP NSA Dep.(mc); \$4.00(fs), \$1.00(mf)
JCL or OTS

N-5

Infrared Spectra of Minerals and Their Practical
Application, by O. N. Sorokina,

RUSSIAN, part, Zhurnal Vsesoyuz Mineral Otkrytiya,
Vol LXXVIII, No 1, 1959, pp 39-47.

REF ID: A6-2114

Sci - Chem

May 60

A6-750

115,403

Some Features of the Formation of Mercury-
Antimony-Rhagaten Deposits in the Transbalkal
Region, by A. D. Shcheglov.

RUSSIAN, per, Zapiski Vsesoiuznogo Mineralogicheskogo
Obshchestva, Vol. II LXXV-LXX, 1959, pp 43-59.

Dept of Interior
US Geological Survey
Denver Branch Library
Denver, Col

136 054

Classification of the Elements of Crystal Sculpture
by P. S. Vasillo.

RUSSIAN, per, Zapiski Vses Mineralog Obsh, No 1,
2nd series 38, 1959, pp 97-99. 92764

Navy Tr 2581/NRL 799

Sci - Chemistry
Jul 60

120,542

Alkali Pegmatites of the Afrikanda Massif, by E. A.
Bagdasarov.

RUSSIAN, per, Zapiski Vsesoy Mineralog Obshch,
Vol LXXVIII, No 3, 1959, pp 261-274.

DSIR LLU RTS 1339

SLA 011

Sci - Geophys

Sep 60

125,548

Rate of Crystallization of Minerals, by D. P.
Grigor'jev, 12 pp.

RUSSIAN, per, Zapiski Vses Mineralog Obshch, 2nd series,
Part 38, No 5, 1959, pp 497-511.

Am. Geological Inst
Internatl Geology Review
Vol. III, No 8

Sci. - Min/Inst

Sery (6)

167,002

Molybdates of Uranium-Moluranite et Iriginite,
(Molybdates of Uranium-Moluranite and Iriginite), by
G. Yu. Epshtain, 17 pp.

RUSSIAN to FRENCH, per, Zapiski Vsesoyuz Mineral.
Obshchestva, Vol. LXXXVIII, No 5, 1959, pp 564-570.

Reverse Trans
CIA Tr-R-1329

Sci
Ser 61

CEA-tr-R-1251 Uncl.

IDENTIFICATION DES MINERAUX DU GROUPE DES
FERGUSONITES PAR L'ANALYSE AUX RAYONS X.(Identification of the Minerals of the
Fergusonite Group by X-Ray Analysis.)A. I. Komkov. Translated into French
from Zapiski Vsesoyuz. Mineral. Obshchestva,

33: 655-661 (1959). 7 pp.

Geology; Translations MC-31

C-31 NR USA Dep. (mc); \$2.00 fs, \$1.00 mi;
JCL or OTS

N-3

Sur les Causes de l'Oxydation de l'Uranium dans les
Uraninites, (On the Causes of Oxidation of Uranium in
Uraninites), by V. I. Labeledov, 14 pp.

RUSSIAN to FRENCH, per, Zapiski Vsesoyuz Mineral.
Obshch., Vol. LXXXVIII, 1959, pp 667-671.

Reverse Trans
CIA Tr-R-1253

Sci
Sep 61

The Zardalek Alkali Complex, Alai Range Geological
Position of the Intrusion and Main Features of
the Internal Structure, by N. F. Shinkarev, et al.

RUSSIAN, per, Zapiski Vsesoyuznogo Mineralog,
Vol LXXIX, No 1, 1960, pp 26-36.

RECEIVED LIAISON 1500

Sci - Geophys

Oct 60

130,709

NEW DATA ON FERSMITE. (CALCIUM NIOBATE), BY
A. G. ZHABIN.

RUSSIAN, PER, ZAPISKI VSES MINERAL OBSHCH,
VOL XC, NO 3, 1960, PP 270-280.

NLL M. 3780

SCI - CHEM

OCT 62

214,746

(NY-6024)

Genesis Conditions of the Diamond Mineral-Satellites
in the Kimberlites of Yakutia, by N. N. Sarnadskikh,
V. S. Kovaleva, 18 pp.

RUSSIAN, per, Zapiski Vses Mineralog Oshch,
Vol. LXXXI, Series 2, No 4, 1960, pp 392-399.

JPRS 9389

155,255

Sci - Min/Metals

Jan 61

(NY-6027)

A New Vanadium Mineral - Rusakovite, by Ye. A.
Arkhovskii, 15 pp.

RUSSIAN, per, Zapiski Vses Mineralog Obshch,
Vol. LXXIII, Series 2, No 4, 1950, pp 140-147.

JPRS 9530

Sci - Min/Metals

155, 048

Jan 61

(NY-600

Certain Data on Diamonds Found in Form of
Polycrystalline Aggregates, by Ya. M. Kravtsov
S. I. Putergendler, 7 pp.

RUSSIAN, per. Zapiski Vses Mineralog Obshch,
Vol XXXIX, Series 2, No 4, 1960, pp 464-466

JPRS 9331

Sci - Min/Metals

155, 0.54

Jan 61

Structural Characteristics of Some Vermiculites
Like Minerals From the Kola Peninsula,
G. Kovalov, Y. d'Yakovov.

RUSSIAN, per, Zapiski Vses Mineralogicheskogo
Obshch, Vol. LXXXIX, No 4, 1960, pp 459-460.

OSTRO/No 6080

Sci-Chem
May 68

232,144

Unmannerous Solid Bitumens in Sediments.
by M. P. Fomina.

RUSSIAN, per Zap. vses. miner. Obshch.
Vol. 89, 1950, pp 653-658
NLE/RTS 2708-150.

Sol -
Aug 67

337-100

1074.031

Carbonatite -- New Rare Earth Carbonate, by A. H.
Baklanov, V. V. Kondrat'yeva, Ye. M. Baranova. 11 pp.

RUSSIAN, for Zapiski Vostochnogo Mineralogicheskogo Obshchestva, No. 1, 1961, pp 42-49.

JPRS 10418

Sci - Chem

1074.031

Nov 60.

(Soviet Union)
Records of the All-Union Mineralogical Society, by
V. P. Ivanov, 43 pp.

RUSSIAN, per, Zapiski Vses Mineralog Obshch,
Part XV, No 1, 1961, pp 50-90.

JPRS 4997

Sci - Min/Mit

Nov 61

174, 218

GEOCHEMISTRY OF NIOBIUM AND TANTALUM IN
ALKALINE ULTRABASIC ROCK COMPLEXES, BY
A. A. KURHARENKO, ET AL.

RUSSIAN, PER, ZAPISKI VSES MINERAL OBSHCH,
NO 2, 1961, PP 172-192.

INTL RTS 1966

SCI - CHEM

JUN 62

199,968

Scandium Geochemistry in Alkalic Ultrabasic
Rocks of the Kola Peninsula and Karelia, by
A. A. Kudcharenko, M. M. Kler.

RUSSIAN, per, Zapiski Vses Mineral Obshch, No 5,
1962, pp 520-536.

NLL RTS 2348
(loan copy)

Jul 64

63-23600

Lunn, A. Ya. and Sal'dau, E. P.
 GENTHELVITE FROM PEGMATITES ON THE KOLA
 PENINSULA (Gentshelvit iz Pegmatitov na Kol'skom
 Poluostrove) or by Ivan Mitin, 1963 [11p] refs.
 Order from OTS or SLA \$1.60 63-23600

Trans. of Vsesoyuznyy Mineralogicheskiy
 Obshchestvo, Zapiski (USSR) 1963, v. 92, no. 1,
 p. 81-84.

DESCRIPTORS: *Minerals, *Pegmatite, Petrology,
 Geochemistry, Structural geology, Geology, Chemical
 analysis

Gentshelvit belongs to the helvite group of minerals
 which form isomorphous mixtures with three end mem-
 bers, helvite, danolite and gentshelvit. Gentshelvit is
 pinkish-lilac in color, more rarely pinkish-yellow to
 colorless in the same specimen. The index of refrac-
 tion is 1.745; specific gravity is 3.64. The results of
 (Earth Sciences--Mineralogy, TT. v. 10, no. 12)(over)

- I. Title: Gentshelvit
- I. Lunn, A. Ya.
- II. Sal'dau, E. P.
- III. Geological Survey,
 Denver, Colo.

Office of Technical Services

Lueshite From the Carbonatites of the
Kovdorsk Massif, by O. M. Rimskeya-
Korsakova, et al.

RUSSIAN, per, Zapiski Vses Mineralogicheskogo
Obshchestva, 1963, Vol 92, No 2, pp 173-
183.

NLL FTS 2341 (On Loan or Purchase)

Aug 65

287,144

1962 Activity of the All-Union Mineralogical Society, by
S. P. Solov'yev, 23 pp.

RUSSIAN, per, Zapiski Vsesoyuznogo mineralogicheskogo
Obshch., Vol XIII, No 4, 1963, pp 499-508.

JPRS 22635

Sci-Bar Sci & Astron
Jan 64

246, 521

Khakib Mukhamedovich Abdullaev,
by Kh. M. Baymukhamedov, 5 pp.
RUSSIAN, per, Zapiski Vses Mineralog Obschch,
series 2, Vol XCIII, No 2, 1954, pp 174-181.
JPRS 25702

US3F
Biog
Aug 64

264,206

Renolite a New Molybdenum Sulfide, by R. Sk-
vortsova,
RUSSIAN, Tr. Zapiska Vses. Mineralog. obschch.,
Vol XIII, 1964, pp 430-443.
Dept of Inter
3570 172 Vol 93 pp 435-443

Sci-Ear Sci
Jan 67

316,714

The Problem of the Existence of Lillimite,
by L. F. Syritso, V. M. Senderova.
RUSSIAN, per, Zapiski Vses Mineralog Obshch,
Vol XCIII, 1964, pp 468-471.
Dept of Inter G(570)
R92b

Sci - M/M
May 66

300,567

Cathode Ray Tube Memory Device of High Speed
Electronic Component of the USSR Academy of
Sciences, by V. N. Laut, L. A. Lyubovitch,
115 pp.

RUSSIAN, in: *Trudy Akademiya Nauk SSSR*
Elektronno-Lichnyye Trudy Akademiya Nauk
SSSR, 1977, 89 pp. 9670042

ADIC MIL-7-TC-9702/1

Ad. - Electron

JUL 61

152, 5 15

The Cathode Ray Tube Memory of the High Speed
Electronic Computer of the USSR Academy of Sciences,
by Valeriy Nazarovich Laut, L. A. Lyubovich, 90 pp.

RUSSIAN, 1957, *Soperniyunichchaya Ustroystvo na
Elektronno-Luchevykh Dvaytsoy Stroyachey
Elektronny Dvaytsoy Dvaytsoy Ak Nauk USSR.*

Pargamon Press

Sci - Phys

Oct 60

QA
76
.L3
E5

129,591

Memory Devices of Electronic Digital Computers,
by V. A. Prokudin.
RUSSIAN, bk. Zapomnayaushchiye Ustroystva Elektron-
nykh Mashin i Vychislitel'nykh Mashin, Moscow, 1961,
pp 1-125.
FTD-TT-65-580

Sci - Elec
May 63

Zaporozh'ye, by S. P. Vasilivskiy, O. V. Smirnova, 25 pp.

RUSSIAN, per, Zaporozh'ye, 1958, pp 1-28. (Call No
AK651, 2351 13, Mag Tr)

AND

JSEN
200
Feb 61

139, 801